



# Data Storage Options for Researchers

2/2/17

# Before we get started...

What do you think my favorite points are from the previous presentation?

- Know what data you have (and where it is)
- Know policies and legal obligations
- Keep coursework, research and personal data separate
- Because we can help you proper storage, backup and integrity
- Because we want to help protect you and your research as best as we can
- Because we can apply the appropriate amount of security and backup based on what the data is (saves \$\$\$)

# BuckeyeBox <https://box.osu.edu/>

Two type of box folders

- Your Personal Folder
- Departmental folder (recommended)
  - Can be requested with a phone call / ticket
  - Have space provisioned for EHE Research

## Pros

- Can be shared outside the university
- Easy to setup
- Departmental folders stay in place after someone leaves
- Easy remote access and file sync

## Cons

- Can only be used for S3 data
- Is not backed up

# EHE / Departmental File Shares

What you need to know:

- Can be requested with a phone call / or email [servicedesk@ehe.osu.edu](mailto:servicedesk@ehe.osu.edu)
- Who needs access (project team)
- Classification of the data S3/S4
- How much storage do you need now and 4 years from now.

## Pros

- Allows for S4 data (with consultation)
- Backed up
- 2nd backup stored at wright state

## Cons

- cannot be shared outside of EHE
- expensive (for the college)

# Other Options?

- I know that researchers are using a lot of other tools. (Depending on your college there may be other options). I would encourage you to talk to your unit IT to see what options exist (if you aren't in EHE)
- If problems arise, (with non-approved solutions) you are on your own for all of the liability that goes along with it. Chances are you are violating at least one university data storage policy.

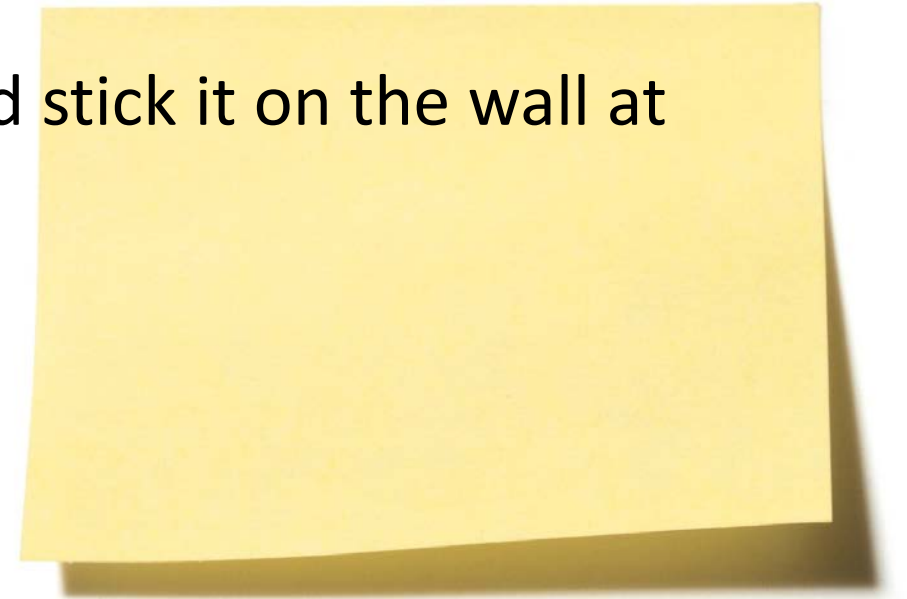


# Don't worry I'll be back 😊

- We know that current solutions aren't enough
- There is a lot we can do with our current solutions
- At the end of today's session we'll do some breakout work in the hopes of gathering more information about your needs.

# Data Storage Gap Analysis

- 4 Current / Future State location around the room
- 2 Post-its at each location
- Write down your thoughts on the post it and stick it on the wall at each area



# Current / Future State

Current State	Future State	Question to answer
<b>1. Research data is intermingled with personal files and coursework</b>	Separate storage for personal files, coursework and research projects	How can we make it easier to keep types of data separate?
<b>2. Data storage grows exponentially because old data is never archived</b>	Mechanism in place for moving project / research data to less expensive storage once the project closes	What is a practical method of closing out research projects that you would support?
<b>3. Multiple storage solutions are being used</b>	All research data is stored in university approved locations	What keeps researchers from using existing storage solutions?
<b>4. Collaboration outside of college/unit is difficult</b>	Collaborating on research data outside of the unit is easy and meets requirements	How would you like to collaborate with researchers outside of the university. Have you had any great experiences?